

Converting Colors

YIQ(115.6150, 47.2210, 19.7730)

Have a look what the booklet for
YIQ(115.6150, 47.2210, 19.7730)
contains.

YIQ(115.6150, 47.2210, 19.7730)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YIQ(115.6150, 47.2210,
19.7730)**

Conversions

Conversions Part 1

Format	Color
Hex	AD5A61
RGB	173, 90, 97
RGB Percent	68%, 35%, 38%
CMY	0.3214, 0.6472, 0.6194
CMYK	0.00, 0.48, 0.44, 0.32
HSL	355°, 34%, 52%
HSV	355°, 48%, 68%
XYZ	23.0580, 17.0605, 13.3983
YIQ	115.6150, 47.2210, 19.7730

Conversions

Conversions Part 2

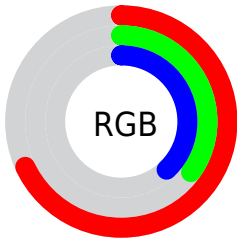
Format	Color
RYB	173, 90, 97
Decimal	11360865
CIELab	48.34, 34.53, 11.45
CIElCh	48, 36.376, 18.341
Yxy	17.0605, 0.4309, 0.3188
Android (android.graphics.Color)	4289550945 (0xFFAD5A61)
YUV	115.6150, -9.1772, 50.3266
Hunter-Lab	41.3043, 27.3645, 9.6805

Details

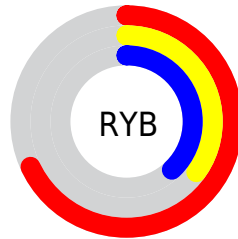
The YIQ color **115.6150, 47.2210, 19.7730** is a dark color, and the websafe version is hex **CC6666**. A complement of this color would be **147.3850, -47.2210, -19.7730**, and the grayscale version is **116.0000, -0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1810, 51.4390, 20.4230**, and **64.8640, 42.0860, 19.2220** is the 20% darker color. If you saturate the color by 10%, you get **103.8120, 57.0320, 23.6880**, and if you desaturate by 10%, it is **127.4180, 37.4100, 15.8580**.

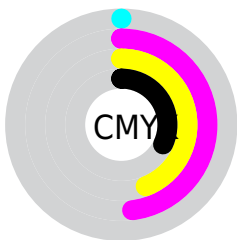
Distribution



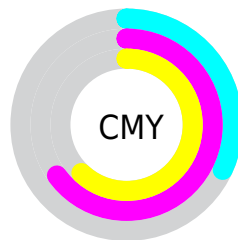
- Red (68%)
- Green (35%)
- Blue (38%)



- Red (68%)
- Yellow (35%)
- Blue (38%)



- Cyan (0%)
- Magenta (48%)
- Yellow (44%)
- Black (32%)



- Cyan (32%)
- Magenta (65%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the YIQ color 115.6150, 47.2210, 19.7730 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the YIQ color 115.6150, 47.2210, 19.7730 by changing the saturation by 10% instead.

■ 115.6150, 47.2210,
19.7730

■ 115.6150, 47.2210,
19.7730

255.0000, -0.0000,
-0.0000

■ 89.8320, 45.1120,
19.4480

■ 169.2950, 51.1180,
20.7340

■ 64.2770, 42.3610,
19.7450

■ 195.2840, 49.6510,
19.7870

■ 38.5480, 40.1600,
21.0880

■ 214.7980, 33.2840,
13.5400

■ 19.7060, 36.5390,
15.1230

■ 234.5400, 16.2750,
7.9150

■ 12.0740, 23.5190,
8.7910

254.4130, 0.2750,
0.5230

■ 0.0000, 0.0000,
0.0000

■ 115.6150, 47.2210,
19.7730

■ 115.6150, 47.2210,
19.7730

■ 103.8120, 57.0320,
23.6880

■ 127.4180, 37.4100,
15.8580

■ 91.4220, 67.1180,
28.1260

■ 139.8080, 27.3240,
11.4200

■ 79.7330, 76.6080,
32.3520

■ 151.6110, 17.5130,
7.5050

■ 67.9300, 86.4190,
36.2670

■ 163.3000, 8.0230,
3.2790

■ 55.5400, 96.5050,
40.7050

■ 175.1030, -1.7880,
-0.6360


■ 53.4370, 98.2930,
41.3410

■ 187.4930,
-11.8740, -5.0740

■ 199.2960,
-21.6850, -8.9890

■ 211.0990,

-31.4960, -12.9040

 223.4890,
-41.5820, -17.3420

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



117.6430, 32.8230, 27.4070



115.6150, 47.2210, 19.7730



114.5420, 48.3240, 5.2840

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



115.6150, 47.2210, 19.7730



105.9050, -10.9990, -26.4470



98.1530, -75.1460, -3.7700

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



115.6150, 47.2210, 19.7730



147.3850, -47.2210, -19.7730

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



93.3760, -86.5600, -17.1840



115.6150, 47.2210, 19.7730



95.5980, -52.6750, -31.0670

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



115.6150, 47.2210, 19.7730



110.3940, 18.4810, -21.0630



91.4720, -78.4430, -26.6270



114.1810, -27.6500, 16.5260

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



115.6150, 47.2210, 19.7730



113.5810, 43.4200, -4.9640



91.4720, -78.4430, -26.6270



92.2820, -88.9910, -11.6710

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



115.6150, 47.2210, 19.7730



202.6110, 17.5130, 7.5050



121.8870, 18.0570, 41.7130



98.9090, 10.6820, 4.6500



240.0000, -0.0000, -0.0000



112.0000, -0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



115.6150, 47.2210, 19.7730



134.1240, 73.9490, 30.9810



134.1880, 40.3930, 0.3370



80.8050, 5.0430, 2.2190



46.3320, 85.2270, 35.8430



7.1050, 13.0660, 5.4980

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



115.6150, 47.2210, 19.7730



134.1240, 73.9490, 30.9810



128.8120, -40.3930, -0.3370



80.8050, 5.0430, 2.2190



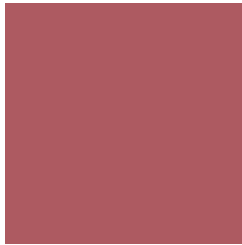
46.3320, 85.2270, 35.8430



7.1050, 13.0660, 5.4980

Previews

White Background



This preview shows how the YIQ color 115.6150, 47.2210, 19.7730 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YIQ color 115.6150, 47.2210, 19.7730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YIQ 115.6150, 47.2210, 19.7730

Background



This preview shows how black text looks on a background with the YIQ color 115.6150, 47.2210, 19.7730.



This preview shows how white text looks on a background with the YIQ color 115.6150, 47.2210,

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

115.6150, 47.2210, 19.7730

Protanopia

115.6260, 3.9890, -0.7070

Deuteranopia

115.9390, 19.1650, -0.4110



Tritanopia

115.6150, 47.2210, 19.7730

Trichromacy



Original Color

115.6150, 47.2210, 19.7730

Protanomaly

115.7530, 19.9890, 6.6850

Deuteranomaly

115.5430, 29.3880, 7.0520

Tritanomaly

115.6150, 47.2210, 19.7730

Monochromacy



Original Color

115.6150, 47.2210, 19.7730

Achromatopsia

116.0000, -0.0000, 0.0000

Achromatomaly

116.1980, 17.2380, 6.9820

CSS Examples

Text

The CSS property to change the color of the text to YIQ 115.6150, 47.2210, 19.7730 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(173, 90, 97)` looks like.

```
.text, #text, p{  
    color:rgb(173, 90, 97)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(173, 90, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 90, 97) }
```

Border

The CSS property to change the border of an element to YIQ 115.6150, 47.2210, 19.7730 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(173, 90, 97) }
```


If only the border color should be changed use the property border-color.

```
.border{ border-color:rgb(173, 90, 97) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel rgb(173, 90, 97) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 90, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 90, 97);  
box-shadow:4px 4px 4px 4px rgb(173, 90,  
97) }
```

Background

The CSS property to change the background color of an element to YIQ 115.6150, 47.2210, 19.7730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 90, 97) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(173, 90,  
97) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor